

<div>Table 8-7</div> <div>Summary of the Opinion of Probable Construction Costs</div>															
Options	New Water Treatment Plant				Retrofit/Expand Existing Monroe WTP				Southeast Water System Improvements				Subtotal Probable Construction Cost	Contingencies (20%)	Total Probable Construction Cost
	Raw Water Intake or Collector Well	New Water Treatment Plant	Raw and Finished Water Mains	Subtotal New Water Treatment Plant	Intake Facility Improvements	Plant Improvements	Raw and Finished Water Mains	Subtotal Expand/ Retrofit Existing Monroe WTP	Pump Station	Tank	Transmission Main	Subtotal Southeast Water System Improvements			
<b>Alternative A</b> Expand the existing Monroe WTP to 36 MGD using Membranes. Add a second raw water and finished water line. Construct Southeast PS, Tank and Transmission Main.	-	-	-	\$0	\$800,000	\$21,700,000	\$5,000,000	\$27,500,000	\$2,200,000	\$1,300,000	\$7,500,000	\$11,000,000	\$38,500,000	\$7,700,000	\$46,200,000
<b>Option to Alternative A</b> Expand the existing Monroe WTP initially to 30 MGD using Membranes. Add a second raw water and finished water line. Construct Southeast PS, Tank and Transmission Main.	-	-	-	\$0	\$700,000	\$16,500,000	\$5,000,000	\$22,200,000	\$2,200,000	\$1,300,000	\$7,500,000	\$11,000,000	\$33,200,000	\$6,700,000	\$39,900,000
<b>Alternative B</b> New 12 MGD membrane plant expandable to 24 MGD located adjacent to Dillman WWTP and Intake at IDNR site along Lake Monroe. Retrofit existing Monroe WTP with 24 MGD membranes	\$7,500,000	\$22,500,000	\$10,000,000	\$40,000,000	-	\$12,000,000	-	\$12,000,000	-	-	-	\$0	\$52,000,000	\$10,400,000	\$62,400,000
<b>Alternative C</b> New 12 MGD North WTP with Groundwater Supply using membrane filtration and RO for softening. Retrofit existing MWTP with 24 MGD membranes.	\$3,000,000	\$30,700,000	\$16,000,000	\$49,700,000	-	\$12,000,000	-	\$12,000,000	-	-	-	\$0	\$61,700,000	\$12,400,000	\$74,100,000
<b>Option 1 to Alternative C</b> New 12 MGD North WTP with Groundwater Supply using gravity media filtration and RO for softening. Retrofit the existing MWTP with 24 MGD membranes.	\$3,000,000	\$26,000,000	\$16,000,000	\$45,000,000	-	\$12,000,000	-	\$12,000,000	-	-	-	\$0	\$57,000,000	\$11,400,000	\$68,400,000
<b>Option 2 to Alternative C</b> New 12 MGD North WTP using Lake Lemon, Bean Blossom Creek, and Griffy Lake. Retrofit the existing MWTP with 24 MGD membranes.	\$2,000,000	\$23,000,000	\$1,700,000	\$26,700,000	-	\$12,000,000	-	\$12,000,000	-	-	-	\$0	\$38,700,000	\$7,800,000	\$46,500,000